



MI-CW3710

Michigan Crop Weather

September 13, 2010

Cooler than Normal

Six days were suitable for fieldwork during the week ending September 12, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 1.12 inches to 1.56 inches in the Upper Peninsula and 0.34 inches to 1.01 inches in the Lower Peninsula. Temperatures ranged from 2 to 4 degrees below normal. The weather turned cooler this past week, with some precipitation reported in all areas of the state. There were a few reports of very windy conditions with minimal wind damage to some fruit trees and weaker corn stalks. Harvest of crops continued, and some wheat fields were prepared for planting. “The weather turned much cooler this past week. The rain last week helped, and conditions have been good for early harvest of beets and dry beans,” stated one reporter in the southeast Lower Peninsula.

Field Crops

Rainfall ended a progressive week for field crops as grain crops continued to charge down the path to maturity. While **silage** harvest continued throughout the week in the north, several operations in the southern counties turned their attention to grain harvest of **corn**. The crop had considerable dry down during the week. Moisture levels for harvested corn were reported in the upper teens. With the crop being ahead of normal for maturity, farmers began thinking about harvesting corn ahead of **soybeans**. Some soybean fields were harvested as well and more progress is expected this week. A reporter in Monroe County reported moisture level at 9 percent. “**Sugarbeet** harvest is moving along nicely,” said one reporter. “Conditions are much better since the recent rains and cooler temperatures.” **Drybean** harvest also continued; the recent rains have helped the late planted crop. **Wheat** ground was being prepared for fall planting. Final cuttings of **alfalfa** have taken place as the cooler temperatures have hindered further growth.

Fruit

Growing degree days continued to be about 14 to 20 days ahead of normal. Rainfall was variable across the state. **Apples** continued to be harvested. Black rot symptoms continued to be seen in many apple blocks in the southeast. Oriental fruit moth trap catches were up in the southwest. High wind has been a concern for growers in the northwest. Late season **peaches** continued to be harvested in the southwest. Peach harvest has ended in the southeast and west central. Harvest of European **plums** has ended. Limited rainfall and potato leafhoppers continued to affect **strawberry** growth. Leaf spot disease continued to cause leaf drop in **cherry** trees. Harvest of **pears** continued across the state; it has ended in the southeast. Harvest of **blueberries** has ended in the southeast and southwest. Harvest of early varieties of **grapes** continued in the southwest. Grape berry moth has been a problem in the northwest and southwest. Fall **raspberries** continued to be harvested.

Vegetables

Vegetables were fairing well despite cooler temperatures last week. Stakes and black plastic were removed from fields in preparation for planting of fall cover crops. Crops harvested included: **pumpkins, gourds, hard squash, carrots, onions, winter squash, cabbage, yellow squash, celery, zucchini** for fresh and processing, **cucumbers for pickles, sweet corn, potatoes, snap beans, peppers, watermelon, tomatoes** for fresh and processing, **eggplant, radishes, leeks, and lettuce**. Gummy leaf stem blight was noted on pumpkins but there were no symptoms of black rot. Additionally, there were no new cases of downy mildew reported this week. Warm soil temperatures were delaying potato harvest in the northwest. In the Oceana County area, harvest of processing zucchini, snap beans and sweet corn was completed. Growers in that area were harvesting processing winter squash, processing broccoli, processing carrots and jack o’lantern pumpkins. In the Thumb, cucumbers for pickle harvest was complete. Tomato harvest continued with few fungal problems. Bacterial concerns such as canker and speck were present on foliage but not on tomato fruit in the Macomb County area. Growers in the southeast harvested sweet corn and tomatoes for processing as they ripened quickly. Insect activity included: imported cabbage worm, diamond-back moth, cabbage looper, western bean cutworm, European corn borer, aphids, spider mites, celery leaftier, and corn earworm.

Soil moisture for week ending 09/12/10

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	16	29	53	2
Subsoil	14	38	47	1

Crop condition for week ending 09/12/10

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	2	6	27	49	16
Corn	2	7	19	45	27
Dry beans	3	13	31	36	17
Pasture	4	12	39	37	8
Soybeans	3	6	24	46	21

Crop progress for week ending 09/12/10

Crop	This week	Last week	Last year	5-year average
	Percent	Percent	Percent	Percent
All hay, third cutting	66	60	62	73
All hay, fourth cutting	27	17	16	17
Apples, harvested	35	21	17	6
Corn, dent	94	85	38	73
Corn, mature	60	37	2	20
Corn, harvested	4	1	0	1
Corn silage, harvested	76	57	5	38
Dry beans, turning leaves	99	93	65	86
Dry beans, dropping leaves	85	75	34	63
Dry beans, harvested	44	24	0	17
Peaches, harvested	98	89	80	83
Potatoes, harvested	26	16	31	30
Soybeans, turning leaves	79	51	24	56
Soybeans, dropping leaves	38	15	3	22
Sugarbeets, harvested	11	7	0	0
Winter wheat, planted	2	0	3	2

Michigan Weather Summary for Week Ending 09/12/10 ¹												
Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2010	2009	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal Since April 1	Normal For month
Ironwood	72	34		2,112	1,641		1.05	2.43	3.71	20.94		
Marquette	70	36		2,043	1,523		0.98	1.91	3.39	20.62		
Stephenson	77	37		2,378	1,861		0.74	2.67	3.17	20.58		
Western UP	77	31	-4	2,105	1,591	1,784	1.12	2.49	3.86	20.79	17.84	3.58
Cornell	73	43		2,265	1,716		1.52	2.74	2.83	19.16		
Sault St Marie	73	46		2,149	1,545		1.68	4.17	6.19	17.25		
Eastern UP	73	35	-2	2,077	1,525	1,574	1.56	4.35	5.90	20.84	16.69	3.55
Beulah	76	44		2,513	1,916		0.65	2.07	3.15	17.42		
Lake City	73	39		2,351	1,822		0.81	2.71	3.84	22.28		
Old Mission	75	46		2,412	1,811		0.72	1.78	3.85	17.71		
Pellston	75	40		2,275	1,709		0.88	2.83	4.84	19.59		
Northwest	76	39	-2	2,342	1,767	2,022	0.62	2.03	3.48	17.43	15.61	3.66
Alpena	78	39		2,340	1,814		0.63	0.88	2.21	18.02		
Houghton Lake	72	41		2,475	1,843		0.55	1.42	2.44	17.64		
Rogers City	77	45		2,211	1,774		0.62	0.98	3.35	21.57		
Northeast	78	39	-2	2,371	1,802	1,958	0.54	1.13	2.64	19.58	15.64	3.47
Fremont	73	42		2,662	2,080		0.93	2.89	4.03	14.23		
Hart	74	42		2,569	1,971		0.83	2.47	4.58	19.16		
Muskegon	77	47		2,937	2,268		0.92	4.48	5.38	19.26		
West Central	77	38	-3	2,670	2,070	2,204	1.01	3.01	4.47	17.75	15.93	3.19
Alma	77	42		2,743	2,133		0.66	1.27	1.37	20.68		
Big Rapids	76	35		2,562	1,964		0.80	2.04	3.97	20.42		
Central	77	35	-4	2,645	2,044	2,276	0.67	1.54	2.54	17.88	16.79	3.09
Bad Axe	81	48		2,627	1,997		0.41	1.90	1.94	19.24		
Pigeon	80	45		2,579	1,959		0.37	0.92	1.06	14.84		
Saginaw	79	46		2,876	2,189		0.41	1.11	1.75	15.90		
Standish	77	44		2,527	1,944		0.47	1.32	1.89	21.35		
East Central	81	44	-3	2,615	2,020	2,276	0.44	1.44	1.71	17.66	14.98	2.70
Fennville	77	44		2,747	2,166		0.45	0.91	1.48	24.89		
Grand Rapids	77	46		3,019	2,399		0.90	1.34	2.00	23.40		
Holland	79	47		3,001	2,504		0.54	2.22	3.27	32.03		
South Bend, IN	83	44		3,065	2,537		0.38	1.36	1.90	21.36		
Watervliet	78	45		2,912	2,339		0.48	1.37	1.98	20.62		
Southwest	83	40	-4	2,897	2,356	2,476	0.52	1.41	2.11	22.54	17.18	3.26
Belding	74	40		2,663	2,095		1.06	1.49	2.44	18.15		
Coldwater	81	43		2,923	2,405		0.13	1.29	1.45	18.09		
Lansing	80	42		2,933	2,267		0.55	1.59	1.63	15.53		
South Central	82	40	-4	2,801	2,234	2,434	0.61	1.61	1.90	19.72	17.11	2.79
Detroit	88	50		3,147	2,581		0.40	0.55	0.80	19.74		
Flint	83	39		2,901	2,219		0.54	1.62	1.63	15.07		
Romeo	86	46		2,789	2,229		0.41	0.59	0.99	14.02		
Tipton	83	45		2,840	2,292		0.34	1.07	1.58	22.30		
Toledo, OH	85	45		3,121	2,584		0.35	0.71	1.48	21.84		
Southeast	88	39	-3	2,893	2,376	2,431	0.34	0.81	1.11	19.10	16.40	2.43

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.